

Diabetic Medicine

Journal of the British Diabetic Association

Contents Volume 12 Numbers 1-12

	January 1995	Number 1
DM Diary	.....	2
Forthcoming Papers	.....	4
Editorial	Diabetic Medicine A. J. M. Boulton	5
Review	Risk of Diabetes in Offspring of Parents with Non-insulin-dependent Diabetes M. Pierce, H. Keen, C. Bradley	6
Rostrum	Comparing the Incidence of Lower Extremity Amputations Across the World: the Global Lower Extremity Amputation Study The LEA Study Group.....	14
History of Diabetes	The History of the Diabetic Foot K. C. McKeown	19
Original Articles	Thinness at Birth and Glucose Tolerance in Seven-year-old Children C. M. Law, G. S. Gordon, A. W. Shiell, D. J. P. Barker, C. N. Hales.....	24
	Undiagnosed Glucose Intolerance in the Community: the Isle of Ely Diabetes Project D. R. R. Williams, N. J. Wareham, D. C. Brown, C. D. Byrne, P. M. S. Clark, B. D. Cox, L. J. Cox, N. E. Day, C. N. Hales, C. R. Palmer, J. R. Shackleton, T. W. M. Wang	30
	Skin Capillary Circulation is More Impaired in the Toes of Diabetic than Non-diabetic Patients with Peripheral Vascular Disease G. Jöreskog, K. Brismar, B. Fagrell	36
	Night Blood Pressure: Relation to Organ Lesions in Microalbuminuric Type 1 Diabetic Patients K. W. Hansen, K. Sørensen, P. D. Christensen, E. B. Pedersen, J. S. Christiansen, C. E. Mogensen	42
	Cigarette Smoking and Free Radical Activity in Young Adults with Insulin-dependent Diabetes M. B. Leonard, K. Lawton, I. D. Watson, A. Patrick, A. Walker, I. McFarlane	46
	Blood Rheology and Albumin Excretion in Diabetic Pregnancy S. M. MacRury, S. Pinion, J. D. Quin, D. St. J. O'Reilly, C. B. Lunan, G. D. O. Lowe, A. C. MacCuish.....	51
	Insulin Secretion and Sensitivity in Women Fulfilling WHO Criteria for Gestational Diabetes J. S. D. Nicholls, S. P. Chan, K. Ali, R. W. Beard, A. Dornhorst	56

Indexed or abstracted by: Annals of Behavioral Medicine Abstracts, BIOMED Database (Institute for Scientific Information (ISI)), CAB Abstracts, Cambridge Scientific Abstracts, Current Awareness in Biosciences, Current Contents/Clinical Medicine, Excerpta Medica, Index Medicus, Research Alert (ISI), SCISEARCH Database (ISI), VINITI-USSR Academy of Sciences.

COPYING OF ARTICLES

The code and the copyright notice appearing at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use, or for the personal or internal use of specific clients, on the condition that the copier pay for copying beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. The per-copy fee is to be paid through the Copyright Clearance Center Inc and details of their authorisation schemes can be obtained from them at 27 Congress Street, Salem, MA 01970, USA. Tel: (508) 744 3350; Fax: (508) 745 9379. The consent does not extend to other kinds of copying such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Such permission requests, or other inquiries, should be addressed to the publisher.

	Factors Influencing the Low Density Lipoprotein Profile in Type 2 Diabetic Patients R. W. James, M. Marini, J. Ruiz, D. Pometta	61
	Insulin Resistance with Respect to Lipolysis in Non-diabetic Relatives of European Patients with Type 2 Diabetes S. V. Gelding, N. Coldham, R. Niththyananthan, A. Anyaoku, D. G. Johnston	66
Clinical Practice	'Hospital Hyperglycaemia'; Perception or Reality? M. Vijaya Lakshmi, K. L. Tieszen, S. Hollis, L. Wong, T. L. Dornan	74
	Aetiopathogenesis and Management of Impotence in Diabetic Males: Four Years Experience from a Combined Clinic A. Veves, L. Webster, T. F. Chen, S. Payne, A. J. M. Boulton	77
Technical Report	DIAMOND: a Computerized System for the Management and Evaluation of District-wide Diabetes Care P. G. Kopelman, J. C. Michell, A. J. Sanderson	83
Meeting Reports	The Diabetic Foot 1994 J. E. Shaw, L. Vileikyte, H. Connor, A. J. M. Boulton ...	88
	First Parallel Medical and Scientific Section Together with Education and Professional Care Section (MSS/EPCS) of the BDA: Autumn 1994, Lancaster, UK C. Bodmer	91
Statistical Guidelines	.....	93

February 1995

Number 2

Editorial	Statistics in Diabetic Medicine S. Hollis	100
Review	Maternally Inherited Diabetes Mellitus: the Role of Mitochondrial DNA Defects J. C. Alcolado, A. W. Thomas	102
Comment	Does Psychological Stress Cause Diabetes? J. K. Wales	109
Rostrum	The Emotional World of the Diabetic Patient M. H. L. Ivinson	113
Original Articles	Cardiovascular Morbidity and Mortality in Type 2 Diabetic Patients: a 22-year Historical Cohort Study in Dutch General Practice W. J. C. de Grauw, E. H. van de Lisdonk, H. M. van den Hoogen, C. van Weel	117
	Topical Treatment of Diabetic Foot Ulcers: an Economic Analysis of Treatment Alternatives and Strategies J. Apelqvist, G. Ragnarson-Tennvall, J. Larsson	123
	Final Adult Height and its Relationship to Blood Glucose Control and Microvascular Complications in IDDM J. Penfold, H. P. Chase, G. Marshall, C. F. Walravens, P. A. Walravens, S. K. Garg	129
	Frequency, Severity and Symptomatology of Hypoglycaemia: a Comparative Trial of Human and Porcine Insulins in Type 1 Diabetic Patients K. M. MacLeod, A. E. Gold, B. M. Frier	134
	A Longitudinal Study of Biomedical and Psychosocial Predictors of Multiple Hospitalizations Among Young People with Insulin-dependent Diabetes Mellitus M. Kovacs, D. Charron-Prochownik, D. S. Obrosky	142
	Proteinuria and Mortality in Diabetes: the WHO Multinational Study of Vascular Disease in Diabetes J. M. Stephenson, S. Kenny, L. K. Stevens, J. H. Fuller, E. Lee and the WHO Multinational Study Group	149
	Whole-body Glucose Metabolism in Obese Patients with Type 2 Diabetes Mellitus: the Impact of Hypertension and Strict Blood Glucose Control H. Vestergaard, H. H. Parving, L. Hansen, O. Pedersen	156
	One-year Acarbose Treatment Raises Fasting Serum Acetate in Diabetic Patients T. M. S. Wolever, R. Radmard, J.-L. Chiasson, J. A. Hunt, R. G. Josse, C. Palmason, N. W. Rodger, S. A. Ross, E. A. Ryan, M. H. Tan	164
Technical Report	Evaluation of a Second-generation Electrochemical Blood Glucose Monitoring System K. L. Tieszen, S. F. Burton, T. L. Dornan, D. R. Matthews, J. R. McMurray	173
Meeting Report	The Twelfth Anglo-Danish-Dutch Diabetes Group Meeting M. J. Davies, C. J. Tack	177

Letters	Atraumatic Fracture in Type 1 Diabetes S. A. Khan, H. A. Kurwa, M. G. Prentice	179
	Diabetes and Dementia F. G. Lithner	180
Media Review		181

March 1995

Number 3

Forthcoming Papers		186
DM Diary		190
Editorial	Twins for Life A. J. M. Boulton	191
Review	Postural Hypotension in Diabetic Autonomic Neuropathy: a Review T. S. Purewal, P. J. Watkins	192
Comment	Implementation of Intensified Insulin Therapy: a European Perspective M. Berger, I. Mühlhauser	201
Original Articles	Clinical Characteristics of Subjects with a Missense Mutation in Glucokinase R. C. L. Page, A. T. Hattersley, J. C. Levy, B. Barrow, P. Patel, D. Lo, J. S. Wainscoat, M. A. Permutt, G. I. Bell, R. C. Turner	209
	Forearm Substrate Exchange during Hyperinsulinaemic Hypoglycaemia in Normal Man N. Abildgaard, L. Ørskov, J. A. K. Petersen, K. G. M. M. Alberti, O. Schmitz, N. Møller	218
	Day-to-day Variation of Insulin Sensitivity in Patients with Type 1 Diabetes: Role of Gender and Menstrual Cycle E. Moberg, M. Kollind, P.-E. Lins, U. Adamson	224
	Decreased Urinary Dopamine Excretion and Disturbed Dopamine/Sodium Relationship in Type 1 Diabetes Mellitus O. Segers, E. Gerlo, A. G. Dupont, G. Somers	229
	Intranasal Insulin: the Effects of Three Dose Regimens on Postprandial Glycaemic Profiles in Type II Diabetic Subjects P. A. Coates, I. S. Ismail, S. D. Luzio, I. Griffiths, R. L. Ollerton, A. Valund, D. R. Owens	235
	Hydroxyproline Excretion is Increased in Diabetes Mellitus and Related to the Presence of Microalbuminuria P. L. Selby, P. A. Shearing, S. M. Marshall	240
	High Prevalence of Hepatitis C Infection in Afro-Caribbean Patients with Type 2 Diabetes and Abnormal Liver Function Tests H. Gray, T. Wreghitt, I. M. Stratton, G. J. M. Alexander, R. C. Turner, S. O'Rahilly	244
	The Effects of Lipid Lowering Drugs on Metabolic Control and Lipoprotein Composition in Type 2 Diabetic Patients with Mild Hyperlipidaemia M. W. Stewart, R. G. Dyer, K. G. M. M. Alberti, M. F. Laker	250
	Thrombomodulin Levels in Insulin-dependent Diabetic Patients with Microalbuminuria G. Gruden, G. Pagano, R. Romagnoli, D. Frezet, C. Olivetti, P. Cavallo-Perin	258
Clinical Practice	Microalbuminuria as Identified by a Spot Morning Urine Specimen in Non-insulin-treated Diabetes: an Eight-year Follow-up Study O. L. Beatty, C. M. Ritchie, P. M. Bell, D. R. Hadden, L. Kennedy, A. B. Atkinson	261
Case Report	Multiple Cerebral Haematomata and Peripheral Nerve Palsies Associated with a Case of Juvenile Diabetic Ketoacidosis S. L. Atkin, A. M. Coady, D. Horton, N. Sutaria, L. Sellars, C. Walton	267
International Scene	A Computerized Health Screening and Follow-up System in Diabetes Mellitus J. Azzopardi, F. F. Fenech, Z. Junousov, A. Mazovetsky, V. Olchanski	271
Letters	History of Diabetes: UGDP Study Group R. J. Jarrett	277
	Severe Deterioration in Cognitive Function and Personality in Patients with Long-standing Diabetes E. S. Kisch	277
Media Review		278
		1143

April 1995

Number 4

DM Diary	282
Forthcoming Papers	286
Errata	288
Editorial	A World of Diabetes: All Our Problem P. D. Home..... 289
Mini-symposium	Diabetic Neuropathy: Introduction A. J. M. Boulton, G. Menzinger..... 291
	Nitric Oxide as a Potential Bridge Between the Metabolic and Vascular Hypotheses of Diabetic Neuropathy M. J. Stevens..... 292
	Catecholamines and Diabetic Autonomic Neuropathy J. Hilsted..... 296
	Diabetic Neuropathy and the Microcirculation M. D. Flynn, J. E. Tooke..... 298
Original Articles	Does Abnormal QT Interval Prolongation Reflect Autonomic Dysfunction in Diabetic Patients? QTc Interval Measure versus Standardized Tests in Diabetic Autonomic Neuropathy M. Veglio, A. Chinaglia, M. Borra, P. Cavallo-Perin..... 302
	Is ACE Inhibition with Lisinopril Helpful in Diabetic Neuropathy? A. Reja, S. Tesfaye, N. D. Harris, J. D. Ward..... 307
	The Prevalence of Autonomic and Peripheral Neuropathy in Insulin-treated Diabetic Subjects M. D. Flynn, I. A. O'Brien, R. J. M. Corral..... 310
	Good Blood Glucose Control Characterizes Patients Without Retinopathy After Long Diabetes Duration C. E. Kullberg, H. J. Arnqvist..... 314
	Hyperinsulinaemia of Hypertriglyceridaemia: A Reappraisal R. Gama, S. Shah, J. Wright, V. Marks..... 321
	Assessing the Impact of Blood Sample Type on the Estimated Prevalence of Impaired Glucose Tolerance and Diabetes Mellitus in Epidemiological Surveys M. Farrer, C. J. Albers, H. A. W. Neil, P. C. Adams, M. F. Laker, K. G. M. M. Alberti..... 325
	Fetal Growth and Glucose and Insulin Metabolism in Four-year-old Indian Children C. S. Yajnik, C. H. D. Fall, U. Vaidya, A. N. Pandit, A. Bavdekar, D. S. Bhat, C. Osmond, C. N. Hales, D. J. P. Barker..... 330
Technical Reports	Effect of Ambient Temperature and Humidity on Performance of Blood Glucose Meters J. M. King, C. A. Eigenmann, S. Colagiuri..... 337
	The Effect of Haemolysis on Blood Glucose Meter Measurement E. S. Kilpatrick, A. G. Rumley, C. N. Rumley..... 341
Living with Diabetes	The Insulin-dependent Patient: Perceptions and Preferences C. Fox..... 344
International Scene	Evaluation of a Structured Teaching and Treatment Programme for Type 2 Diabetes in General Practice in a Rural Area of Austria T. R. Pieber, A. Holler, A. Siebenhofer, G. A. Brunner, B. Semlitsch, S. Schattenberg, H. Zapotoczky, W. Rainer, G. J. Krejs..... 349
	Diabetic Retinopathy as a Cause of Blindness in the Province of Turin, North-west Italy, in 1967-1991 M. Porta, M. G. Tomalino, F. Santoro, L. D. Chigo, M. Cairo, M. Aimone, G. B. Pietragalla, P. Passera, M. Montanaro, G. M. Molinatti..... 355
Letters	The Effect of Haematocrit and Sample Temperature on the Glucotite/Glucometer 4 Blood Glucose Assay System K. Wiener..... 362
	Detection of Microalbuminuria J. M. Botero..... 364
	Reply from M. P. Hermans, P. Selvai and M. van Ypersele de Strihou..... 364
	A World of Diabetes: All Our Problem P. Selby..... 364
Diabetes Care	Contents Pages — Volume 18 Numbers 1 and 2 by arrangement with the American Diabetes Association..... 365

May 1995

Number 5

DM Diary	370
Forthcoming Papers	371

Editorial	Cochrane Collaborative Review Group: Diabetes C. M. Airey, D. R. R. Williams 375
Rostrum	The Genetic Contribution to Disease Pathogenesis in Childhood Diabetes is Greatest in the Very Young J. P. H. Shield, E. J. K. Wadsworth, J. D. Baum... 377
Original Articles	The Neuronal Toxic Factor in Serum of Type 1 Diabetic Patients is a Complement-fixing Autoantibody G. L. Pittenger, D. Liu, I. Vinik 380 Glomerular Charge Selectivity in Type 1 (Insulin-dependent) Diabetes Mellitus J. G. Fox, J. D. Quin, K. R. Paterson, D. Stj. O'Reilly, M. P. Smith, J. M. Boulton-Jones 387 Effects of Glucose and SNK-860, an Aldose Reductase Inhibitor, on the Polyol Pathway and Chemiluminescence Response of Human Neutrophils <i>in vitro</i> T. Kawamura, K. Suzuki, H. Matsumae, T. Sano, N. Sakamoto, N. Hotta 392 Epidemiology of Diabetes Mellitus in the Elderly in Northern Greece: a Population Study N. Papazoglou, Ch. Manes, P. Chatzimirofanous, E. Papadeli, K. Tzounas, G. Scaragas, I. Kontogiannis, D. Alexiades 397 Energy Expenditure in Type 2 Diabetic Patients on Metformin and Sulphonylurea Therapy P. K. K. Chong, R. T. Jung, M. J. Rennie, C. M. Scrimgeour 401 The Comparison of Four Weight Reduction Strategies Aimed at Overweight Diabetic Patients R. M. Manning, R. T. Jung, G. P. Leese, R. W. Newton 409
Clinical Practice	A Study of Fluoxetine on Obese Elderly Patients with Type 2 Diabetes V. M. Connolly, A. Gallagher, C. M. Kesson 416 A Report on the Use of Technician Ophthalmoscopy Combined with the Use of the Canon Non-mydiatic Camera in Screening for Diabetic Retinopathy in the Community J. Jacob, J. Stead, J. Sykes, D. Taylor, J. E. Tooke 419 Use of Thrombolysis for Acute Myocardial Infarction in the Presence of Diabetic Retinopathy in the UK, and Associated Ocular Haemorrhagic Complications E. R. Higgs, V. J. Parfitt, B. A. Harney, M. Hartog 426 Abnormal Insulin Treatment Behaviour: a Major Cause of Ketoacidosis in the Young Adult C. J. Thompson, F. Cummings, J. Chalmers, R. W. Newton 429
Case Report	Factitious Hypoglycaemia Documented by a Modified Assay for the Measurement of Plasma Sulphonylurea A. Sener, C. Gillet, J. Verhelst, K. DeBoeck, C. Mahler, W. J. Malaisse 433
International Scene	Educating the Diabetes Care Professionals in Eastern Europe: a Bulgarian Experience V. I. Christov, I. Nestorov, A. Dimitrov 436 Retinopathy in Maltese Type 2 Diabetic Patients A. G. Schranz, L. Zarabinska . 441
Technical Report	A Reproducibility Study of Technetium-99m Macroaggregated Albumin Foot Perfusion Imaging in Patients with Diabetes Mellitus N. D. C. Sturrock, A. C. Perkins, M. L. Wastie, K. R. Blackband, K. T. Moriarty 445
Letters	Are Islet Cell Antibodies of Prognostic Value in Obese Subjects with Late-onset Diabetes? M. van Ypersele, J. Rahier, P. L. Selvais, M. P. Hermans . 449 Do Insulin-treated Diabetic Patients use an Injection-meal-interval in Daily Life? L. Heinemann 449 ExacTech Blood Glucose Meter S. Rao 450 Reply from E. S. Kilpatrick and A. G. Rumley 451 Postprandial Triglyceridaemia N. Katsilambros 451 Reply from M. Stewart and M. F. Laker 452 Can the Use of Lists Improve the Proportion of Concerns Addressed in the Consultation? I. Benett 452
Media Review	..... 455

June 1995

Number 6

DM Diary	..... 458
Forthcoming Papers	..... 460
Editorial	The International Diabetes Federation: the Next Millenium J. Jervell 465 1145

Review	Drugs on the Horizon for Treatment of Type 2 Diabetes J. Rachman, R. C. Turner	467
Rostrum	Non-insulin-dependent Diabetes Mellitus and Islet B-cell Mitochondrial Glycerophosphate Dehydrogenase Deficiency W. J. Malaisse	479
Original Articles	The Natural Course of Microalbuminuria in Insulin-dependent Diabetes: a 10-year Prospective Study E. R. Mathiesen, B. Rønn, B. Storm, H. Foght, T. Deckert	482
	Urinary Albumin Excretion in a Population Based Cohort E. Vestbo, E. M. Damsgaard, A. Frøland, C. E. Mogensen	488
	The Relationship Between Pregnancy and Long-term Maternal Complications in the EURODIAB IDDM Complications Study N. Chaturvedi, J. M. Stephenson, J. H. Fuller and the EURODIAB IDDM Complications Study Group	494
	The Frequency of Known Diabetes, Hypertension and Ischaemic Heart Disease in Affluent and Poor Urban Populations of Karachi, Pakistan K. Hameed, M. Kadir, T. Gibson, S. Sultana, Z. Fatima, A. Syed	500
	Coagulation Activation in Type 2 Diabetes Mellitus: the Higher Coronary Risk of Female Diabetic Patients P. Chan, W. H. Pan	504
	Longitudinal Study of Lipoprotein(a) in Peripubertal Children with Insulin-dependent Diabetes J. J. Couper, R. Cocciolone, D. J. Bates, J. Nairn, R. C. Ryall	508
	The Splanchnic Circulation and Postural Hypotension in Diabetic Autonomic Neuropathy T. S. Purewal, D. E. Goss, M. M. Zanone, M. E. Edmonds, P. J. Watkins	513
	Importance of Early Insulin Levels on Prandial Glycaemic Responses and Thermogenesis in Non-insulin-dependent Diabetes Mellitus T. P. Markovic, S. M. Furler, A. B. Jenkins, L. V. Campbell, E. W. Kraegen, D. J. Chisholm	523
Clinical Practice	An Optical Practice Based Diabetic Eye Screening Programme W. Gatling, A. J. Howie, R. D. Hill	531
	Comparative Analysis of Patency, Limb Salvage and Survival in Diabetic and Non-diabetic Patients Undergoing Infrainguinal Bypass Surgery S. Karacagil, B. Almgren, S. Bowald, D. Bergqvist	537
Case Report	Nesidioblastosis in an Elderly Patient D. Walmsley, N. A. Matheson, S. Ewen, R. L. Himsworth, J. S. Bevan	542
International Scene	Mortality and Outcome of Insulin-dependent Diabetes in Soweto, South Africa G. V. Gill, K. R. Huddle, M. Rolfe	546
Diabetes Care	Contents Pages—Volume 18, Numbers 3 and 4 by arrangement with the American Diabetes Association	551

July 1995

Number 7

DM Diary	.....	558
Forthcoming Papers	.....	559
Editorial	Prevention of Macrovascular Disease: Absolute Proof or Absolute Risk P. N. Durrington	561
Reviews	Is There a Seasonal Variation in the Incidence of Gestational Diabetes? R. G. Moses, R. Griffiths	563
	The Aetiology of Diabetic Neuropathy: the Combined Roles of Metabolic and Vascular Defects M. J. Stevens, E. L. Feldman, D. A. Greene	566
History of Diabetes	The Roots of Ariel: Sylvia Plath and Her Father's Foot A. V. M. Foster, M. E. Edmonds	580
Original Articles	Differences in Joint Mobility and Foot Pressures Between Black and White Diabetic Patients A. Veves, M. R. Sarnow, J. M. Giurini, B. I. Rosenblum, T. E. Lyons, J. S. Chrzan, G. M. Habershaw	585

	The Association of Fibrinolysis and Hyperlipidaemia with Quantitative Sensory Tests in an Epidemiological Study of Swedish Type 1 Diabetic Patients <i>F. Lithner, T. Bergenheim, B. Borssén, G. Dahlén, T. K. Nilsson</i>	590
	Heat Shock Protein Studies in Type I and Type II Diabetes and Human Islet Cell Culture <i>D. F. Child, C. P. Williams, R. P. Jones, P. R. Hudson, M. Jones, C. J. Smith</i>	595
	Comparison of the Effects on the Diurnal Blood Pressure, Glucose, and Lipid Levels of a Diet Rich in Monounsaturated Fatty Acids with a Diet Rich in Polyunsaturated Fatty Acids in Type 2 Diabetic Subjects <i>C. Thomsen, O. W. Rasmussen, K. W. Hansen, M. Vesterlund, K. Hermansen</i>	600
	Short-term Mortality in Childhood Onset Insulin-dependent Diabetes Mellitus: a High Frequency of Unexpected Deaths in Bed <i>G. Sartor, G. Dahlquist</i>	607
	Psychosocial Predictors of Acute Complications of Diabetes in Youth <i>R. Herskowitz Dumont, A. M. Jacobson, C. Cole, S. T. Hauser, J. I. Wolfsdorf, J. B. Willett, J. E. Milley, D. Wertlieb</i>	612
Clinical Practice	Diabetes Care in South Asian and White European Patients with Type 2 Diabetes <i>C. F. Close, P. G. Lewis, R. Holder, A. D. Wright, M. Natrass</i>	619
	Frequency of Thyroid Dysfunction in Diabetic Patients: Value of Annual Screening <i>P. Perros, R. J. McCrimmon, G. Shaw, B. M. Frier</i>	622
	Glycated Haemoglobin Levels in Patients with Diabetes in One General Practice Over a 10-year Period <i>C. Bradshaw, I. N. Steen, M. Eccles</i>	628
	Reduction of Gangrene and Amputations in Diabetic Renal Transplant Patients: the Role of a Special Foot Clinic <i>A. V. M. Foster, S. Snowden, A. Grenfell, P. J. Watkins, M. E. Edmonds</i>	632
Meeting Report	The Acropolis Affirmation: Diabetes Care—St Vincent in Progress <i>Statement from St Vincent Declaration Meeting, Athens, Greece, March 1995</i>	636
Letters	Random Blood Glucose Estimation in Type 2 Diabetes: Does it Reflect Overall Glycaemic Control? <i>M. C. Gulliford</i>	637
	Reply from G. V. Gill, K. J. Hardy, A. W. Patrick, A. Masterson	637
	Hypoglycaemic Threshold After Pancreatic Transplantation <i>C. Sachon, B. Barrou, C. Landault, M. O. Bitker, J. P. Bastard, A. Grimaldi</i>	637

August 1995

Number 8

DM Diary	.....	644
Forthcoming Papers	.....	646
Editorial	Microalbuminuria in Non-insulin-dependent Diabetes Mellitus <i>S. Kumar</i>	647
Review	Microalbuminuria: Prognostic and Therapeutic Implications in Diabetic and Hypertensive Pregnancy <i>J. Bar, M. Hod, A. Erman, S. Friedman, Y. Ovadia</i> ...	649
Original Articles	Screening for Microalbuminuria in Type 2 Diabetic Patients: The Evaluation of a Dipstick Test in General Practice <i>W. J. C. de Grauw, E. H. van de Lisdonk, H. J. M. van den Hoogen, W. H. E. M. van Gerwen, W. J. H. M. van den Bosch, J. L. Willems, C. van Weel</i>	657
	Insulin Increases Renal Magnesium Excretion: A Possible Cause of Magnesium Depletion in Hyperinsulinaemic States <i>M. S. Djurhuus, P. Skøtt, O. Hother-Nielsen, N. A. H. Klitgaard, H. Beck-Nielsen</i>	664
	Decreased Sialidase Activity in Mononuclear Leucocytes of Type 1 Diabetic Subjects: Relationship to Diabetic Complications and Glycaemic Control <i>P. J. Waters, M. D. Flynn, C. A. Pennock, R. J. M. Corral, R. J. Greenwood, R. Eisenthal</i>	670
	No Important Differences in Glycaemic Responses to Common Fruits in Type 2 Diabetic Patients <i>M. Lunetta, M. Di Mauro, S. Crimi, L. Mughini</i>	674
	Neuropsychological Function in Older Subjects with Non-insulin-dependent Diabetes Mellitus <i>J. A. Atia, J. L. Moses, A. J. Sinclair</i>	679
		1147

	Relation of Fetal Growth to Adult Muscle Mass and Glucose Tolerance <i>D. I. W. Phillips</i>	686
Clinical Practice	Comprehensive Diabetes Care in North Tyneside <i>D. L. Whitford, A. J. Southern, E. Braid, S. H. Roberts</i>	691
	Variation of Diabetes Mellitus Prevalence in General Practice and its Relation to Deprivation <i>P. Meadows</i>	696
	Ethnic Differences in the Perception of a Video Developed for a Multiethnic Diabetes Prevention Programme in South Auckland, New Zealand <i>C. Fleming, D. Simmons, L. Leakehe, J. Voyle</i>	701
	An Evaluation of Fructosamine Estimation in Screening for Gestational Diabetes Mellitus <i>P. F. Hughes, M. Agarwal, P. Newman, J. Morrison</i>	708
Technical Report	Are Frozen Urine Samples Acceptable for Estimating Albumin Excretion in Research? <i>J. P. H. Shield, L. P. Hunt, J. E. Morgan, C. A. Pennock</i>	713
Working Party Report	The UK Diabetes Dataset: A Standard for Information Exchange <i>N. J. A. Vaughan, P. D. Home</i> (for the Diabetes Audit Working Group of the Research Unit of the Royal College of Physicians and the British Diabetic Association) ..	717
Letters	Aetiopathogenesis and Management of Impotence in Diabetic Males <i>W. D. Alexander, M. Cumings</i>	723
	A Desktop Guide for the Management of Non-insulin-dependent Diabetes Mellitus (NIDDM) by the European NIDDM Policy Group <i>A. J. Sinclair</i>	724
	Reply from <i>K. G. M. M. Alberti</i>	724
	The Vitamin C Connection <i>E. Cheraskin</i>	725
Diabetes Care	Contents Pages—Volume 18, Numbers 5 and 6 <i>by arrangement with the American Diabetes Association</i>	726

September 1995

Number 9

DM Diary	.....	732
Forthcoming Papers	.....	734
Announcement	Change of Editor	736
Editorial	Diabetes Care in South Africa: Present and Future <i>K. R. L. Huddle</i>	737
History of Diabetes	A Force of Magical Activity: The Introduction of Insulin Treatment in Britain 1922–1926 <i>R. B. Tattersall</i>	739
	Diabetic Renal Disease: The Quest for Normotension—and Beyond <i>C. E. Mogensen</i>	756
Original Articles	Decreasing Incidence of Major Amputation in Diabetic Patients: a Consequence of a Multidisciplinary Foot Care Team Approach? <i>J. Larsson, J. Apelqvist, C.-D. Agardh, A. Stenström</i>	770
	The Costs of Diabetes-related Lower Extremity Amputations in the Netherlands <i>W. H. van Houtum, L. A. Lavery, L. B. Harkless</i>	777
	Dead in Bed Syndrome in Young Diabetic Patients in Norway <i>H. Thordarson, O. Søvik</i>	782
	Marked Hyperinsulinaemia in Postmenopausal, Healthy Indian (Asian) Women <i>G. M. B. Berger, J. Naidoo, N. Gounden, E. Gouws</i>	788
	Fetal Growth and Insulin Resistance in Adult Life: Role of Plasma Triglyceride and Non-esterified Fatty Acids <i>D. I. W. Phillips, R. McLeish, C. Osmond, C. N. Hales</i>	796
	Plasma Lipid Peroxidation and Hyperglycaemia: a Connection Through Hyperinsulinaemia? <i>L. K. Niskanen, J. T. Salonen, K. Nyssönen, M. I. J. Uusitupa</i>	802
	Reduced Plasma Aldosterone Concentrations in Randomly Selected Patients with Insulin-dependent Diabetes Mellitus <i>C. C. Cronin, D. Barry, B. Crowley, J. B. Ferriss</i>	809

	Indications of Low Sex Hormone Binding Globulin (SHBG) in Young Females with Type 1 Diabetes, and an Independent Association to Microalbuminuria S. Rudberg, B. Persson	816
	Insulin-like Growth Factor-I and IGF-I Receptors in Diabetic Patients with Neuropathy I. N. Migdalis, K. Kalogeropoulou, L. Kalantzis, C. Nounopoulos, A. Bouloukos, M. Samartzis	823
Clinical Practice	Differences in Preferences Between Diabetic Patients and Diabetologists Regarding Quality of Care: a Matter of Continuity and Efficiency of Care? A. F. Casparie, M. E. van der Waal	828
International Scene	Diabetes Care: a Guideline to the Facilities Needed to Support Internationally Endorsed Standards M. Busch-Sørensen, A. J. Elphick, P. D. Home, B. Thorsteinsson	833
Letter	Twinning J. G. L. Jackson	839
Media Review	.....	840

	October 1995	Number 10
DM Diary		844
Forthcoming Papers		846
Announcement	Change of Editor	848
Editorial	Quantifying the Benefits of Investing in Prevention R. Williams	849
Review	Hypoglycaemia—Real and Unreal, Lawful and Unlawful: The 1994 Banting Lecture V. Marks	850
Original Articles	Spatial Clustering in Childhood Diabetes: Evidence of an Environmental Cause M. J. Bodington, S. I. Muzulu, A. C. Burden	865
	The Prospective Assessment of Autonomic Nerve Function by Pupillometry in Adolescents with Type 1 Diabetes Mellitus M. M. Pena, K. C. Donaghue, A. T. W. Fung, M. Bonney, J. Schwingshandl, N. J. Howard, M. Silink	868
	Peripheral Osteopenia in Adult Patients with Insulin-dependent Diabetes Mellitus T. Forst, A. Pfützner, P. Kann, B. Schehler, R. Lobmann, H. Schäfer, J. Andreas, A. Bockisch, J. Beyer	874
	More Uniform Diurnal Blood Glucose Control and a Reduction in Daily Insulin Dosage on Addition of Glibenclamide to Insulin in Type 1 Diabetes Mellitus: Role of Enhanced Insulin Sensitivity U. M. Kabadi, S. McCoy, M. Birkenholz, M. Kabadi	880
	The Effects of Repeated Daily Recombinant Human Insulin-like Growth Factor I Administration in Adolescents with Type 1 Diabetes T. D. Cheetham, J. M. P. Holly, K. Clayton, S. Cwyfan-Hughes, D. B. Dunger	885
	Mortality and Morbidity in Treated Hypertensive Type 2 Diabetic Patients with Micro- or Macroproteinuria P. T. Sawicki, I. Mühlhauser, U. Didjurgeit, M. Reimann, R. Bender, M. Berger	893
	Effects of Age and Obesity on Glycated Haemoglobin and 1,5-Anhydroglucitol in Screening for Type 2 Diabetes Mellitus S. Tsukui, I. Kobayashi	899
	Diabetes, Impaired Glucose Tolerance and Cardiovascular Disease Risk Factors in the Asian Indian Bhatia Community Living in Tanzania and in the United Kingdom K. L. Ramaiya, E. Denver, J. S. Yudkin	904
	Effects of Heparin-induced Non-esterified Free Fatty Acid on Minimal Model-derived Insulin Sensitivity in Individuals with Varying Degrees of Glucose Intolerance K. Osei, D. P. Schuster	911
	Neutrophil Bactericidal Function in Diabetes Mellitus: Evidence for Association with Blood Glucose Control S. J. Gallacher, G. Thomson, W. D. Fraser, B. M. Fisher, C. G. Gemmell, A. C. MacCuish	916
		1149

	A Study of Spermatozoal Motility in Type 1 Diabetes Mellitus M. J. Niven, G. A. Hitman, D. F. Badenoch	921
	The Influence of Insulin Antibodies on the Pharmacokinetics of NPH Insulin in Patients with Type 1 Diabetes Treated with Human Insulin A. Peters, O. Klose, R. Hefty, F. Keck, W. Kerner	925
Letter	The 30 Minute Insulin Incremental Response in an Oral Glucose Tolerance Test as a Measure of Insulin Secretion N. J. Wareham, D. I. W. Phillips, C. D. Byrne, C. N. Hales	931
Media Review	.....	932
Diabetes Care	Contents Pages—Volume 18, Numbers 7 and 8 by arrangement with the American Diabetes Association	933

November 1995

Number 11

DM Diary	.....	940
Forthcoming Papers	.....	942
Announcement	Change of Editor	946
Editorial	Pancreatic Transplantation and its Future Role in Diabetes Management R. Landgraf	947
Review	Diabetes in the Elderly G. S. Meneilly, D. Tessier	949
Original Articles	Trends in Mortality of Childhood-onset Insulin-dependent Diabetes Mellitus in Leicestershire: 1940–1991 P. G. McNally, N. T. Raymond, M. L. Burden, P. R. Burton, J. L. Botha, P. G. F. Swift, A. C. Burden, J. R. Hearnshaw	961
	Development and Progression of Diabetic Retinopathy: Adolescents at Risk M. Bonney, S. J. Hing, A. T. W. Fung, M. M. Stephens, J. M. Fairchild, K. C. Donaghue, N. J. Howard, M. Silink	967
	Self-reported Weight Loss Among Adults with Diabetes: Results from a National Health Survey J. C. Will	974
	The Effect of the Timing and the Administration of Acarbose on Postprandial Hyperglycaemia C. Rosak, G. Nitzsche, P. König, U. Hofmann	979
	Short Administration of Metformin Improves Insulin Sensitivity in Android Obese Subjects with Impaired Glucose Tolerance A. J. Scheen, M. R. Letiexhe, P. J. Lefèbvre	985
	Characterization of the Insulin-antagonistic Effect of Growth Hormone in Insulin-dependent Diabetes Mellitus J. Fowelin, S. Attvall, H. von Schenck, U. Smith, I. Lager	990
	Angiotensin Converting Enzyme (ACE) Insertion/Deletion (I/D) Polymorphism, and Diabetic Retinopathy in Subjects with IDDM and NIDDM D. K. Nagi, M. W. Mansfield, M. H. Stickland, P. J. Grant	997
	Detection of Common Viruses Using the Polymerase Chain Reaction to Assess Levels of Viral Presence in Type 1 (Insulin-dependent) Diabetic Patients C. A. Foy, P. Quirke, F. A. Lewis, T. S. Futers, H. J. Bodansky	1002
	Islet Cell Antibodies and Beta-cell Function in Gestational Diabetic Women: Comparison to First-degree Relatives of Type 1 (Insulin-dependent) Diabetic Subjects D. Mauricio, R. Corcoy, M. Codina, J. Morales, M. Balsells, A. de Leiva	1009
	Prospective Study of Autonomic Nerve Function in Type 1 and Type 2 Diabetic Patients: 24 Hour Heart Rate Variation and Plasma Motilin Levels Disturbed in Parasympathetic Neuropathy H. Nilsson, B. Bergström, B. Lilja, S. Juul-Möller, J. Carlsson, G. Sundkvist	1015
Working Party Report	Survival Kit: The Five-minute Education Kit: A Document for Health Care Providers and Patients J.-P. Assal	1022
Diabetes Care	Contents Page—Volume 18, Number 9 by arrangement with the American Diabetes Association	1044

	December 1995	Number 12
DM Diary	.....	1052
Forthcoming Papers	.....	1054
Announcement	.....	1056
Editorial	Diabetes in the Eastern Mediterranean (Middle East) Region: the World Health Organization Responds to a Major Public Health Challenge <i>H. King</i>	1057
Review	Nephropathy in Type 1 Diabetes: The Role of Genetic Factors <i>T. A. Chowdhury, S. Kumar, A. H. Barnett and S. C. Bain</i>	1059
Comment	The Cost of Insulin Dependent Diabetes Mellitus (IDDM) in England and Wales <i>A. M. Gray, P. Fenn and A. McGuire</i>	1068
Original Articles	Counting the Cost of Diabetic Hospital Admissions from a Multi-Ethnic Population in Trinidad <i>M. C. Gulliford, S. M. Ariyanayagam-Baksh, L. Bickram, D. Picou and D. Mahabir</i>	1077
	Microvascular Function in Type 2 (Non-insulin-dependent) Diabetes: Improved Vasodilation after One Year of Good Glycaemic Control <i>A. J. Yaap, C. A. Pym, C. Seemark, A. C. Shore and J. E. Tooke</i>	1086
	The Urinary Concentration of Sialic Acid is Increased in Non-insulin-dependent Diabetic Patients with Microangiopathy: a Possible Useful Marker for Diabetic Microangiopathy <i>K. Suzuki, H. Ishida, C. Sugimoto, Y. Taguchi, H. Matsuda, K. Nosaka, Y. Someya, S. Kadowaki and Y. Seino</i>	1092
	Effect of Treatment with an Aldose-Reductase Inhibitor on Symptomatic Carpel Tunnel Syndrome in Type 2 Diabetes <i>L. Monge, M. De Mattei, F. Dani, A. Sciarretta and Q. Carta</i>	1097
	Symptoms, Hormones and Glucose Fluxes during a Gradual Hypoglycaemia induced by Intraperitoneal vs Venous Insulin Infusion in Type 1 Diabetes <i>J. L. Selam, R. Medlej, J. M'Bemba, A. Chevalier, F. Guyon, L. Ashworth and G. Slama</i>	1102
	The Effect of Acute (60 minute) Insulin Stimulation upon Human Skeletal Muscle Glycogen Synthase and Protein Phosphatase-1 in Non-insulin-dependent Diabetic Patients and Control Subjects <i>L. A. Barriocanal, A. C. Borthwick, M. Stewart, A. Wells, S. J. Hurel, S. J. Yeaman and R. Taylor</i> ...	1110
International Scene	Pakistan National Diabetes Survey: Prevalence of Glucose Intolerance and Associated Factors in Shikarpur, Sindh Province <i>A. S. Shera, G. Rafique, I. A. Khwaja, J. Ara, S. Baqai and H. King</i>	1116
	High Prevalence of Diabetes Mellitus and Impaired Glucose Tolerance in the Sultanate of Oman: Results of the 1991 National Survey <i>M. G. Asfour, A. Iambourne, A. Soliman, S. Al-Behlani, D. Al-Asfour, A. Bold, H. Mahtab and H. King</i>	1122
	Diabetes Mellitus in Egypt—Risk Factors and Prevalence <i>W. H. Herman, M. A. Ali, R. E. Aubert, M. M. Engelgau, S. J. Kenny, E. W. Gunter, A. M. Malarcher, R. J. Brechner, S. F. Wetterhall, F. DeStefano, T. J. Thompson, P. J. Smith, A. Badran, E. S. Sous, M. Habib, M. Hegazy, S. abd el Shakour, A. S. Ibrahim, A. el Moneim el Behairy</i>	1126
Letters	The Insulin Dependent Diabetic Patient, Perceptions and Preferences <i>M. R. Kiln</i>	1132
	Frequency, Severity and Symptomatology of Hypoglycaemia induced by Human and Porcine Insulins <i>U. Keller, W. Berger</i>	1132
	Reply from K. M. MacLeod, A. E. Gold, B. M. Frier	1132
Diabetes Care	Contents Page—Volume 18, Number 10 by arrangement with the American Diabetes Association	1134
Author Index	.....	1135
Keyword Index	.....	1138
Volume Contents	.....	1141